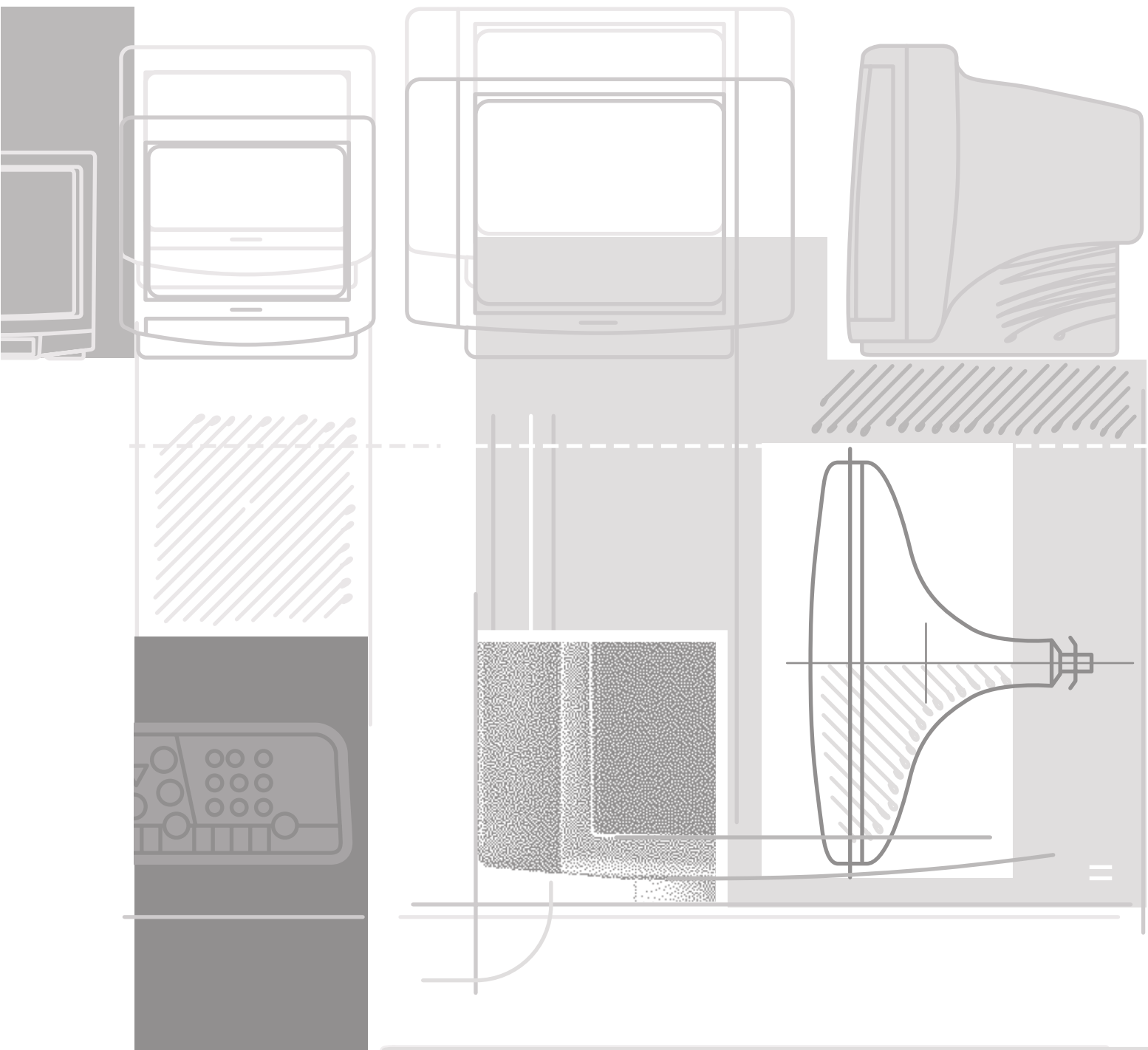
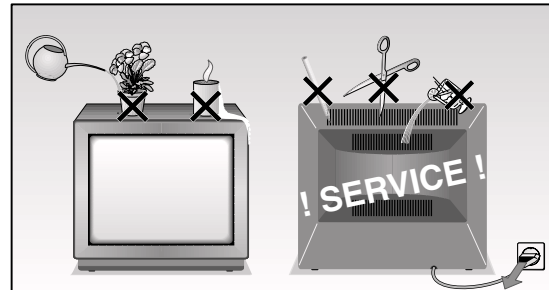
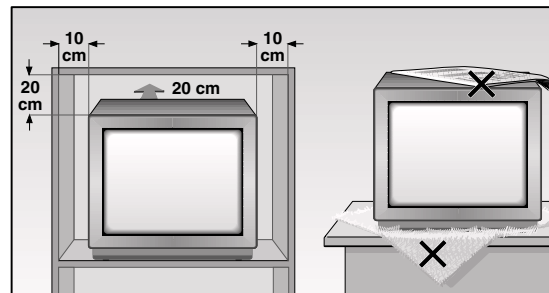
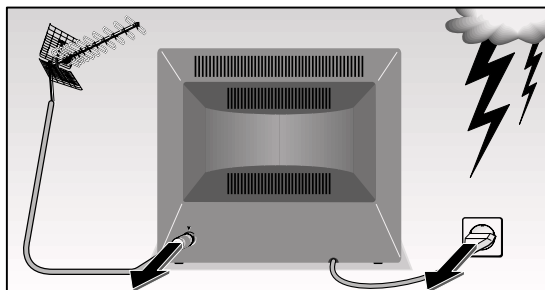
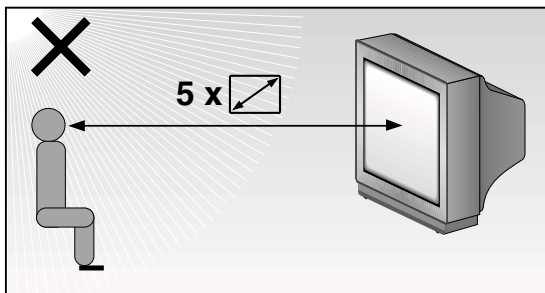


GRUNDIG

COLOR TELEVISION

M 95-410/9 Reference/PIP





Please avoid:

- ! Damage to the set due to electrical storms by disconnecting the mains and aerial cables.
- ! Opening of the set and interventions by incompetent persons.
- ! Heat build-up, moisture, and penetration of dust and foreign objects into the set.
- ! Obstruction of the ventilation slots.



Too little distances inside cabinets.



Damage to the mains lead.

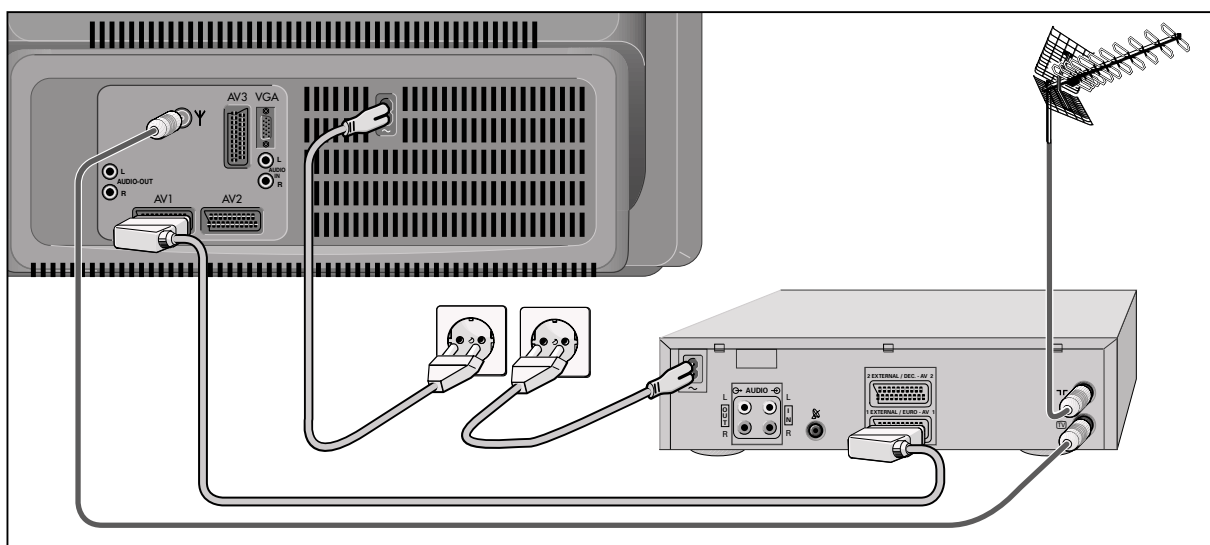


Scratching and rubbing the picture screen.

Clean the picture screen only with a moistened and soft cloth. Use clear and clean water only.



Magnetic fields (loudspeaker boxes) near the set.



Connecting the set to the aerial

Connect the aerial cable with the aerial socket Ψ of the TV set.

For TV/video recorder operation, connect as shown in the figure.

This highly digitalized TV set assures optimum picture and sound quality.

Precondition for this is:

A properly working aerial system and an aerial connecting cable with high screen factor (85 dB) between the TV set and the aerial socket or the TV set and the video recorder.

Avoid cable loops in the proximity of the TV set.



You will find further information on connecting various external units (e.g. SAT receiver, decoder) in the dialog center menu section » Audio-/video connections «.



Connecting the TV set with the mains



Switching the set on/off

Press the $\odot$ button on the set.



If the LED in the mains button is now illuminated, then the unit is in stand-by mode.

Switch the unit on using the remote control by pressing one of the $\textcircled{1}$, Δ buttons.

Assigning programme positions

This set is equipped with the automatic tuning system ATS euro plus which performs the programme assignment for you.

After switching on the set, confirm the »English« dialogue language by pressing the **OK** button.

If the »Select dialog language« page does not appear, press the **i** button and then the **OK** button.

The dialogcenter appears on the screen.

Use the **P+** or **P-** button to select the »Automatic programming« menu line.

Press the **OK** button.

Use the **P+** or **P-** button to select the »Completely new programming« line and then press the **OK** button.

Confirm your country with the **OK** button.

When the automatic programme allocation is completed, hints to the Easy Dialog System are displayed.

The Easy Dialog System

Your television is provided with the »Easy Dialog System«.

With this system, all hints on operating the TV set are no longer to be found in a printed instructions manual but in dialog boxes which can be displayed on the picture screen.

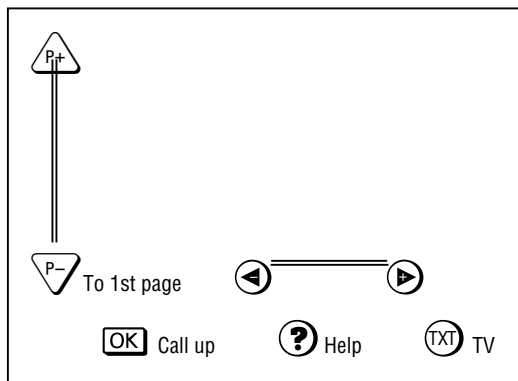
The Dialogcenter

The **Dialogcenter** is the control centre of your TV set. It is called up by pressing the **i** and then the **OK** button. Via the displayed menu, you can make settings, call up information and select precise help for operating your TV set (for example an explanation of the remote control handset, an index, tips and tricks, etc.).

Simply try it out. You can do no harm!

Basic operation

The dialogue symbols indicate for each operating step with which buttons the different functions can be carried out.



Yellow bar up/down

In two-page menus, selection of the second page.



Set values.



Confirm selected function.



Return to TV picture.



Help.

The Buttons on the Remote Control Handset

This is a brief explanation of the remote control buttons.

All functions will be explained in detail under »Remote control« in the Dialogcentre.
Simply try out the functions.

- ①...⑨ Select programme position and switch on the TV set from standby,
or
– select AV position,
– enter page numbers in Teletext mode.

- △ Switch on from standby. Select programme positions step by step (1, 2, 3 ...)
▽ Select programme positions step by step (... 3, 2, 1)

- or
P/P+ Move cursor up / down.
◀ ▶ Volume

- or
◀ ▶ Move cursor to the left / right.
When holding down the △ or ▽ button, the programme position identifications will scroll on the screen. When releasing the pressed button, the TV set switches to the selected programme position.

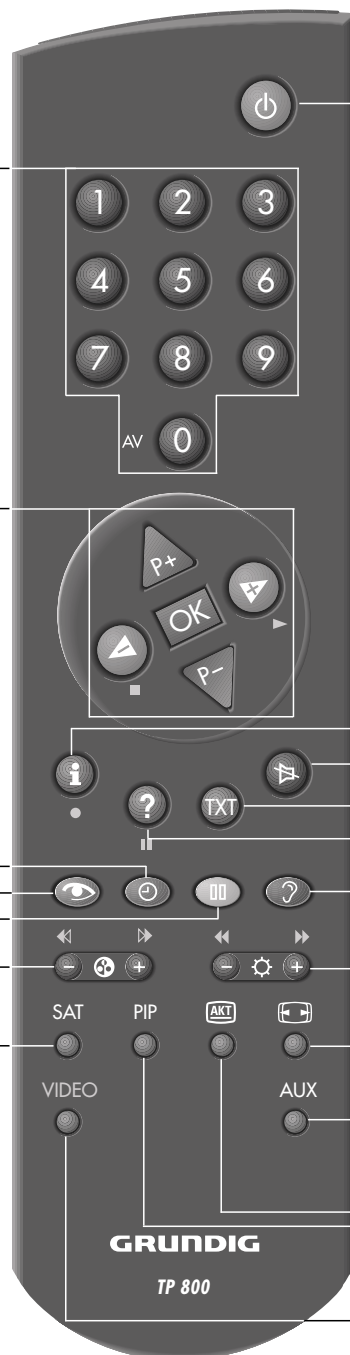
- OK Modify and activate certain functions.

- ⌚ Time display on/off.
👁 Picture adjustments.
Access to the »Picture settings« menu.

- ⏏ Still picture, or ○AUX plus ⏏ Program scan

- 3 + Colour contrast.

- SAT Satellite receiver remote control (press and hold down the SAT button).



- ⏻ Press once: switch to standby.
Press twice: switch definitively off (provided the mains economy switch is activated).

- ⓘ Access to the DIALOG CENTER
🔇 Sound on/off (mute).
TXT Teletext mode ↔ TV mode
? Call up brief instructions.

- 🔊 Sound adjustments.
Access to the »Sound settings« menu.

- ⚙ + Brightness

- 🖼 Picture format switching

- AUX Preselect button for certain functions, e.g. ○AUX plus ⏏ Program scan
AKT Info about current broadcast

- PIP Picture-in-picture on/off.

- VIDEO Video recorder remote control (press and hold down the VIDEO button).



Mains voltage:

220 – 240 V, 50/60 Hz
(control range of the power supply unit 190 ... 264 V)



Power consumption:

	Set in operation	Set in standby	Sound output Music power	Sound output Sine power
	approx. 180 W	6 W	80 W	2 x 10 + 20 W



Channels:

C01 ... C99
Special channels S01 ... S41



Norm:

PAL B/G; SECAM L; PAL-I/NIC-GB; SECAM D/K;
NTSC M; NIC (E-B-DK); NIC (S-N-SF)



Service hint for the specialist:

The mains cable is a plug-in type. For a replacement, order it at our after-sales service under the number 8290-991-316.

This unit conforms to VDE safety regulations and directives of the Deutsche Bundespost (German Federal Post Office; see certification mark on the type sticker on the rear of the unit), as well as all relevant ordinances governing X-ray emissions. The picture tube, which emits X-rays, is sufficiently shielded and therefore represents no danger. Accelerating voltage is max. 34 kV with a mean beam current of 1.6 mA.

Unauthorized tampering with the unit, in particular making adjustments to the high voltage system, or installing a different picture tube, can considerably increase X-ray emissions. Units so altered no longer conform to applicable safety regulations and may not be operated.

This TV set is prepared for satellite reception. As extension kit, the module SER 150 is provided. Ask your specialized dealer for further details.

This TV set is prepared for Dolby Surround Prologic. As extension kit, the module DPL 1 is provided. Ask your specialized dealer for further details.

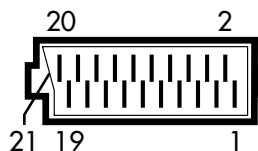
Subject to alterations. E. and O.E.



Pin assignment of EURO-AV socket

If you want to connect other devices to your television (for example, a computer or amplifier), your dealer can provide you with a normed standard connection by means of the following table:

Pin		Signal
1	=	Audio output, right
2	=	Audio input, right
3	=	Audio output, left
4	=	Audio, earth
5	=	Blue, earth
6	=	Audio input left
7	=	RGB blue input
8	=	Switching voltage
9	=	Green, earth
10	=	Data line (MEGALOGIC)
11	=	RGB green input
12	=	–
13	=	Red, earth
14	=	Earth
15	=	RGB red input (S-Video = Chroma)
16	=	RGB switching voltage
17	=	Video, earth
18	=	RGB switching voltage, earth
19	=	Video output
20	=	Video input (S-Video = Luminanz)
21	=	Shielding/earth



Additional Information for Units sold in Great Britain

Units sold in GB are suitable for operation from a 240 V AC, 50 Hz mains supply.

In case this appliance is supplied with a Safety Standard Approved mains lead fitted with a non-rewireable 13 Amp mains plug which, if unsuitable for your socket, should be cut off and an appropriate plug fitted by a qualified electrician. The fuse and fuse holder must be removed from the plug as accidental insertion of the redundant plug into a 13 Amp socket is likely to cause an electrical hazard.

Note: The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13 Amp socket elsewhere.

If it is necessary to change the fuse in the non-rewireable plug, the correct type and rating (5 Amp ASTA or BSI approved BS 1362) must be used and the fuse cover must be refitted. If the fuse cover is lost or damaged the lead and plug must not be used until a replacement is obtained. Replacement fuse covers should be obtained from your dealer.

If a non-rewireable plug or a rewireable 13 Amp (BS 1363) plug is used, it must be fitted with a 5 Amp ASTA or BSI approved BS 1362 fuse. If any other type of

plug is used it must be protected by a 5 Amp fuse either in the plug or at the distribution board.

Important:

The wires in the mains lead are coloured in accordance with the following code:

BLUE – NEUTRAL
BROWN – LIVE

As the colours of the wires in the mains lead of your appliance may not correspond with the coloured marking identifying the terminals in your plug, proceed as follows:

Connect the BLUE coloured wire to plug terminal marked with the letter "N" or coloured black.

Connect the BROWN coloured wire to the plug terminal marked with a letter "L" or coloured red.

In no circumstance must any of the wires be connected to the terminal marked with a letter "E", earth symbol $\perp$, coloured green or green and yellow.

Replacement mains lead can be obtained from your dealer.

D
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F
I
NL

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